

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims 1-20. (Canceled)

Claim 21. (Currently Amended) A cable distribution system, comprising:

~~a headend configured to receive signals from a plurality of video sources, and being configured to multiplex selected ones of the signals together to create one or more multiplexed channel signals;~~

a plurality of service modules associated with ~~the~~ a headend configured to receive signals from a plurality of video sources and further configured to multiplex certain ones of the signals together to create one or more multiplexed channel signals, wherein each service module ~~is receiving configured to receive one~~ or more of the multiplexed channel signals;
and

one or more receiver/decoders within each service module, the one or more receiver/decoders configured to receive and decode the one or more multiplexed channel signals, wherein each receiver/decoder is configured to select one or more, but not all, of the ~~selected certain ones of the signals from one or more of the multiplexed channel signals as so~~ as to output video channels, and further configured to provide the video channels to a ~~multiplexer in an output interface multiplexer in the service module, the output interface multiplexer configured to provide a same combined signal to each of a plurality of interface~~

~~units located at each of a plurality of different customer locations, an interface unit located at a customer location, the interface unit at each respective customer location corresponding to the receiver/decoder that received/decoded the one or more multiplexed channel signals and that output the video channels, and, wherein each video channel in the subset of video channels is provided at an output frequency unrelated to a cable frequency normally associated with the video channel.~~

Claim 22. (Currently Amended) The cable distribution system of claim 21, ~~comprising a plurality of interface units, wherein one or more of the plurality of interface units~~service modules are each separately connected to a corresponding one or more of the plurality of ~~service modules~~interface units.

Claim 23. (Currently Amended) The cable distribution system of claim 21, wherein ~~each of a respective service module of the plurality of service modules corresponds to each one or more interface units of the plurality of interface units, each of the plurality of interface units~~ are arranged in a loop through relationship with respect to ~~their each of the~~ respective service ~~modules~~modules and wherein ~~the a~~ selected output frequency of each receiver/decoder in a given service module is different from ~~each other a~~ selected output frequency of any other receiver/decoder in the given service module, ~~each of the video channels received/decoded by a given service module being combined together into a single signal and further wherein each interface unit is configured to receive the single signal from~~

~~the service module, wherein each of the plurality of interface units is configured to provide only a selected one of the video channels in the single-combined signal to a video displaying apparatus.~~

Claim 24. (Currently Amended) The cable distribution system of claim 21, wherein the headend is a local headend located in a same building or set of buildings ~~where-as~~ the customer locations-are.

Claim 25. (Currently Amended) ~~The cable distribution~~ system of claim 24, wherein each of the plurality of service modules associated with the headend is further associated with further including a master headend located at a location remote ~~remotely~~ from the building or set of buildings, the master headend configured to provide video channels at selected frequencies to the local headend.

Claim 26-27. (Canceled).

Claim 28. (Currently Amended) ~~The cable~~ distribution system of claim 21, wherein each interface unit is capable of processing the combined signal without a ~~does not include a~~ frequency converter.

Claim 29. (Currently Amended) The cable distribution system of claim 21, wherein each service module is configured to utilize ~~the~~ a plurality of same predetermined frequencies as each other service module of the plurality of service modules.

Claim 30. (Currently Amended) The cable distribution system of claim 21, wherein each interface unit is configured to pass information, including channel selection information, back upstream to ~~its~~ an associated service module.

Claim 31-33. (Canceled)

Claim 34. (Currently Amended) A cable distribution system, comprising:

~~a headend configured to receive signals from a plurality of video sources, and being configured to multiplex selected ones of the signals to create one or more multiplexed channel signals;~~

a plurality of service modules associated with ~~the~~ a headend configured to receive signals from a plurality of video sources and further configured to multiplex certain ones of the signals to create one or more multiplexed channel signals, wherein each service module

associated with a plurality of customers and configured to receive one or more of the multiplexed channel signals; and

one or more receiver/decoders within each service module, each receiver/decoder being configured to:

select from the one or more multiplexed channel signals, one or more, but not all, of the ~~certain~~selected ones of the signals ~~as so as to output one or more video channels; and~~

provide ~~each the one or more video channels to an output interface multiplexer in the service module, the output interface multiplexer configured to provide a same combined signal including the one or more video channels to each of a plurality of interface units respectively located at each of a plurality of customer locations, in an interface unit, wherein the interface unit is located at a customer location, and is associated with one or more of the receiver/decoders, and wherein each video channel is:~~

~~provided at a predetermined output frequency unrelated to a cable frequency normally associated with each video channel, wherein the wherein a predetermined output frequency of the one or more receiver/decoders is different from a predetermined output frequencies frequency of any other receiver/decoders in any one a same service module; and~~

~~combined with other video channels of any one service module
into a single signal.~~

Claim 35. (Currently Amended) The cable distribution system of claim 34, wherein the headend is a local headend located in a building or set of buildings where the plurality of customer locations are situated.

Claim 36. (Currently Amended) The cable distribution system of claim 35, ~~further including wherein the plurality of service modules associated with the headend are further associated with~~ a master headend located ~~at a location remote~~ remotely from the building or set of buildings, the master headend configured to provide video channels at selected frequencies to the local headend.

Claim 37. (Currently Amended) The cable distribution system of claim 35, wherein each service module of the plurality of service modules ~~are is~~ located at a different ~~differing~~ locations throughout the building or set of buildings relative to other service modules of the plurality, wherein at least one service module is located on each floor of the building or set of buildings.

Claim 38-40. (Canceled)

Claim 41. (Currently Amended) The cable distribution system of claim 34, wherein each interface unit is capable of processing the combined signal without ~~does not include a~~ frequency converter.

Claim 42. (Canceled).

Claim 43. (Currently Amended) The cable distribution system of claim 34, wherein the interface ~~module unit~~ passes information that includes channel selection information back upstream to its an associated service module ~~that includes channel selection information.~~

Claim 44. (Currently Amended) The cable distribution system of claim 21, wherein the headend is a local headend that is configured to receive a signal from a master headend ~~located at a location remote from the building or set of buildings, the headend configured to provide video channels at selected frequencies to the local headend.~~

Claim 45 (Currently Amended) The cable distribution system of claim ~~24~~21, wherein the headend is a local headend located in a building or set of buildings where the customer

locations are situated; and further including a second headend located at a location remote from the building or set of buildings, the second headend configured to provide video channels at selected frequencies to the local headend.

Claim 46 – 47. (Canceled).

Claim 48 (Currently Amended) The cable distribution system of claim 34, further including a separate fixed frequency bandpass filter located at each customer location for each interface unit, the bandpass filter configured to substantially prevent video channels other than ~~the~~ a selected video channel associated with that interface unit to pass through to the interface unit.